SEQUENCE LISTING

<110> MEINIEL, ANNIE
MONNERIE, HUBERT
GOBRON, STEPHANIE

<120> NOVEL POLYPEPTIDES AND POLYPEPTIDES USEFUL FOR REGENERATING THE NERVOUS SYSTEM

<130> 065691/0179

<140> 09/462,909
<141> 2000-02-14

<150> PCT/FR98/01556
<151> 1998-07-16

<150> FR 97/09016
<151> 1997-07-16

<160> 168

<170> PatentIn Ver. 2.1

D5

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D5

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D5

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1 5 10

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1 5 10

<210> 63
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D5

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1 5 10

<210> 64
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1 5 10 15

<210> 65
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<220>
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D5

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<210> 66
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1 5

<210> 67
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<210> 68
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D5

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<210> 69
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D5

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<210> 72
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<400> 72
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<210> 73
<211> 11
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<210> 74
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D5

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<400> 76
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<210> 77
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D5

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<400> 77
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1 5 10

<210> 78
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<400> 78
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1 5 10

<210> 81
<211> 9
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<210> 82
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<223> Gly, Ser or Cys

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<210> 83
<211> 9
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D5

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<210> 84
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<210> 85
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<212> PRT
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<220>
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<210> 86
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D5

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<400> 86
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D5

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D5

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1 5 10

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<210> 92
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D5

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<220>
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D5

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<210> 97
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D5

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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

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1 5 10 15

Xaa Xaa

<210> 98
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1 5 10 15

Xaa Xaa Xaa

<210> 99
<211> 20
<212> PRT
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

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1 5 10 15

Xaa Xaa Xaa Xaa
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<210> 100
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

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1 5 10 15

Xaa Xaa Xaa Xaa Xaa
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<210> 101
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<212> PRT
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<223> Any amino acid

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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

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1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 102
<211> 19
<212> PRT
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1 5 10 15

Xaa Xaa Xaa

<210> 103
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D5

<220>
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<220>
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1 5 10 15

Xaa Xaa Xaa Xaa
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<210> 104
<211> 21
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<220>
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1 5 10 15

Xaa Xaa Xaa Xaa Xaa
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<210> 105
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<223> Description of Artificial Sequence: Synthetic peptide

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1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
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<210> 106
<211> 23
<212> PRT
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<220>
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<220>
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

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1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
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<210> 107
<211> 20
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

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D5

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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 107
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1 5 10 15

Xaa Xaa Xaa Xaa
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<210> 108
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no residues at all.

<400> 108
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1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

D5

<210> 109
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<220>
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peptide

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no residues at all.

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no residues at all.

<400> 109
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Cys Ser Xaa Xaa Xaa Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 110
<211> 23
<212> PRT
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<220>
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 110
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Cys Ser Xaa Xaa Xaa Xaa
1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 111
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<223> Any amino acid

<220>
<221> MOD_RES
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<223> Any amino acid

<220>
<221> MOD_RES
<222> (20)..(24)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 111
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Cys Ser Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20

D5

<210> 112
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<223> Any amino acid

<220>
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<223> Any amino acid

<220>
<221> MOD_RES
<222> (17)..(21)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 112
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Xaa Cys Gly
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 113
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<222> (8)..(11)
<223> Any amino acid

D5

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<222> (14)..(15)
<223> Any amino acid

<220>
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<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 113
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 114
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> Any amino acid

<220>
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<222> (19)..(23)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 114
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1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 115
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (8)..(11)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (14)..(17)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (20)..(24)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 115
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 116
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (8)..(11)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (14)..(18)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (21)..(25)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 116
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20 25

<210> 117
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (1)..(5)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<220>
<221> MOD_RES
<222> (8)..(12)
<223> Any amino acid

<220>
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<222> (15)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 117
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Xaa Cys Ser Xaa Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

D5

<210> 118
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<220>
<221> MOD_RES
<222> (8)..(12)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (15)..(16)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (19)..(23)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 118
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa
1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 119
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

D5

<220>
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<223> Any amino acid

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<222> (15)..(17)
<223> Any amino acid

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<222> (20)..(24)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 119
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1 5 10 15

Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 120
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (8)..(12)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (15)..(18)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (21)..(25)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 120
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa
1 5 10 15

Xaa Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20 25

<210> 121
<211> 26
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<222> (8)..(12)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (15)..(19)
<223> Any amino acid

<220>
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<222> (22)..(26)

<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 121
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20 25

<210> 122
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

D5

<220>
<221> MOD_RES
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (8)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (10)..(11)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (14)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (17)..(21)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 122
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Xaa Xaa Cys Ser Xaa Cys Gly
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 123
<211> 18

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<222> (11)
<223> Any amino acid

<220>
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<222> (14)..(18)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 123
Xaa Xaa Xaa Xaa Xaa Trp Ser Pro Cys Ser Xaa Cys Gly Xaa Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 124
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (8)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (10)..(11)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (14)..(15)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 124
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Xaa Xaa Cys Ser Xaa Xaa Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

D5

<210> 125
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (1)..(5)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (11)..(12)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (15)..(19)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 125
Xaa Xaa Xaa Xaa Xaa Trp Ser Pro Cys Ser Xaa Xaa Cys Gly Xaa Xaa
1 5 10 15

Xaa Xaa Xaa

<210> 126
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (8)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (10)..(11)
<223> Gly, Ser or Cys

<220>
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<222> (14)..(16)
<223> Any amino acid

D5

<220>
<221> MOD_RES
<222> (19)..(23)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 126
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Xaa Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 127
<211> 20
<212> PRT
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<222> (11)..(13)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (16)..(20)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 127
Xaa Xaa Xaa Xaa Xaa Trp Ser Pro Cys Ser Xaa Xaa Xaa Cys Gly Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 128
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

D5

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (8)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (10)..(11)
<223> Gly, Ser or Cys

<220>
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<222> (14)..(17)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (20)..(24)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 128
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Xaa Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 129
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> Any amino acid

<220>
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<222> (17)..(21)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 129
Xaa Xaa Xaa Xaa Xaa Trp Ser Pro Cys Ser Xaa Xaa Xaa Xaa Cys Gly
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 130
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
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<223> Gly, Ser or Cys

<220>
<221> MOD_RES

<222> (10)..(11)
<223> Gly, Ser or Cys

<220>
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<223> Any amino acid

<220>
<221> MOD_RES
<222> (21)..(25)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 130
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Xaa Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20 25

<210> 131
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<222> (11)..(15)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 131
Xaa Xaa Xaa Xaa Xaa Trp Ser Pro Cys Ser Xaa Xaa Xaa Xaa Xaa Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 132
<211> 21

<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
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<223> Gly, Ser or Cys

<220>
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<223> Gly, Ser or Cys

D5

<220>
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<222> (17)..(21)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 132
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Cys Gly
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 133
<211> 22
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<220>
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<220>
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<220>
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<223> Gly, Ser or Cys

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<222> (11)
<223> Gly, Ser or Cys

<220>
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<222> (14)..(15)
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<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 133
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Xaa Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 134
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<223> Gly, Ser or Cys

<220>
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<223> Gly, Ser or Cys

<220>
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<223> Any amino acid

<220>
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<222> (19)..(23)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 134
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 135
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
<221> MOD_RES
<222> (8)
<223> Gly, Ser or Cys

<220>
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<223> Gly, Ser or Cys

<220>
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<220>
<221> MOD_RES
<222> (20)..(24)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 135
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 136
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
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<222> (8)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (11)
<223> Gly, Ser or Cys

D5

<220>
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<222> (14)..(18)
<223> Any amino acid

<220>
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<222> (21)..(25)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 136
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20 25

<210> 137
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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no residues at all.

<220>
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<223> Any amino acid

<220>
<221> MOD_RES
<222> (15)..(19)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 137
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Cys Ser Arg Ser Cys Gly Xaa Xaa
1 5 10 15

Xaa Xaa Xaa

<210> 138
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<212> PRT
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D5

<220>
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<220>
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<223> Any amino acid

<220>
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<222> (15)..(19)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 138
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Cys Ser Val Ser Cys Gly Xaa Xaa
1 5 10 15

Xaa Xaa Xaa

<210> 139
<211> 19

<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<222> (1)..(5)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<220>
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<222> (15)..(19)
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D5

<400> 139
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Cys Ser Val Thr Cys Gly Xaa Xaa
1 5 10 15

Xaa Xaa Xaa

<210> 140
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<212> PRT
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<220>
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<220>
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<220>
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<223> Any amino acid

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<222> (16)..(20)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 140
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Cys Ser Arg Ser Cys Gly Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 141
<211> 20
<212> PRT
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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D5

<220>
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<223> Any amino acid

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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 141
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Cys Ser Val Ser Cys Gly Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 142
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
<221> MOD_RES
<222> (8)..(9)
<223> Any amino acid

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<222> (16)..(20)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 142
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Cys Ser Val Thr Cys Gly Xaa
1 5 10 15

Xaa Xaa Xaa Xaa
20

<210> 143
<211> 21
<212> PRT
<213> Artificial Sequence

D5

<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<220>
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<223> Any amino acid

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 143
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Cys Ser Arg Ser Cys Gly
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 144
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

D5

<400> 144
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Cys Ser Val Ser Cys Gly
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 145
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<220>
<221> MOD_RES
<222> (8)..(10)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (17)..(21)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 145
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Cys Ser Val Thr Cys Gly
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 146
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<220>
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<223> Any amino acid

D5

<220>
<221> MOD_RES
<222> (17)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 146
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Arg Ser Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 147
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
<221> MOD_RES
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<220>
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<223> Any amino acid

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 147
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Val Ser Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 148
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

D5

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no residues at all.

<220>
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<223> Any amino acid

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 148
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Val Thr Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 149
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
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peptide

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no residues at all.

<220>
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<223> Any amino acid

<220>
<221> MOD_RES
<222> (19)..(23)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 149
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Xaa Cys Ser Arg Ser
1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

D5

<210> 150
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
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peptide

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<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<220>
<221> MOD_RES
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<223> Any amino acid

<220>
<221> MOD_RES
<222> (19)..(23)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 150
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Xaa Cys Ser Val Ser
1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 151
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (8)..(12)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (19)..(23)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

D5

<400> 151
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Xaa Cys Ser Val Thr
1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 152
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
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<223> Gly, Ser or Cys

<220>
<221> MOD_RES

<222> (10)..(11)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 152
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1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 153
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

D5

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<220>
<221> MOD_RES
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 153
Xaa Xaa Xaa Xaa Xaa Trp Ser Pro Cys Ser Arg Ser Cys Gly Xaa Xaa
1 5 10 15

Xaa Xaa Xaa

<210> 154
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (10)..(11)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 154
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Xaa Xaa Cys Ser Val Ser Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

D5

<210> 155
<211> 19
<212> PRT
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<220>
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 155
Xaa Xaa Xaa Xaa Xaa Trp Ser Pro Cys Ser Val Ser Cys Gly Xaa Xaa
1 5 10 15

Xaa Xaa Xaa

<210> 156
<211> 22
<212> PRT
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<220>
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<220>
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<220>
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<223> Gly, Ser or Cys

<220>
<221> MOD_RES
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<223> Gly, Ser or Cys

D5

<220>
<221> MOD_RES
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 156
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Xaa Xaa Cys Ser Val Thr Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 157
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or

no residues at all.

<400> 157
Xaa Xaa Xaa Xaa Xaa Trp Ser Pro Cys Ser Val Thr Cys Gly Xaa Xaa
1 5 10 15

Xaa Xaa Xaa

<210> 158
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

D5

<220>
<221> MOD_RES
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<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (11)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 158
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Arg Ser Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 159
<211> 22
<212> PRT
<213> Artificial Sequence

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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<222> (8)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (11)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

D5

<400> 159
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Val Ser Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 160
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
<221> MOD_RES
<222> (8)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (11)
<223> Gly, Ser or Cys

<220>
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<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 160
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Val Thr Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 161
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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peptide

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<222> (1)..(5)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

D5

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<223> Gly, Ser or Cys

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<222> (17)..(21)
<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 161
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Cys Gly
1 5 10 15

Xaa Xaa Xaa Xaa Xaa
20

<210> 162
<211> 22

<212> PRT
<213> Artificial Sequence

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<223> Gly, Ser or Cys

<220>
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D5

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 162
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Xaa Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 163
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Gly, Ser or Cys

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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

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1 5 10 15

Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 164
<211> 24
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<220>
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<220>
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<223> Gly, Ser or Cys

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no residues at all.

<400> 164
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Xaa Xaa
1 5 10 15

Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 165
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
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peptide

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<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

D5

<220>
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<220>
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<223> Gly, Ser or Cys

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<223> Any amino acid; this range may encompass 1-5 residues or
no residues at all.

<400> 165
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1 5 10 15

Xaa Xaa Cys Gly Xaa Xaa Xaa Xaa Xaa
20 25

<210> 166
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
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<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<220>
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<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (11)
<223> Gly, Ser or Cys

D5

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 166
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Arg Ser Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

<210> 167
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<220>
<221> MOD_RES

<222> (8)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (11)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 167
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Val Ser Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa
20

D5

<210> 168
<211> 22
<212> PRT
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<220>
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<220>
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<220>
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<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (11)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 1-5 residues or no residues at all.

<400> 168
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Trp Ser Xaa Cys Ser Val Thr Cys
1 5 10 15

D5

Gly Xaa Xaa Xaa Xaa Xaa
20